

What is claimed is:

1. A composition comprising:

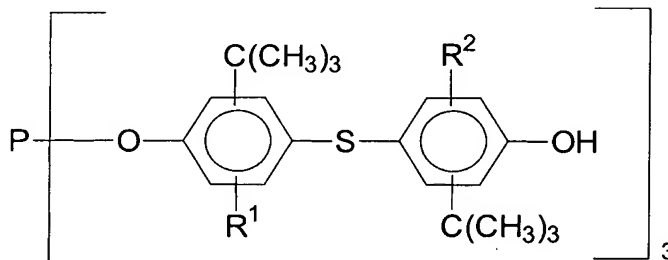
- 5 (A) a thermoplastic polyester;
 (B) antimony trioxide; and
 (C) a thiobisphenol phosphite comprising at least one
 sterically hindered
 tris[(hydroxyphenylthio)phenyl]phosphite.

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2. A composition as described in claim 1 wherein said thiobisphenol phosphite is present in an amount up to about 5 percent by weight, based on the total weight of the composition.

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3. A composition as described in claim 1 wherein said thiobisphenol phosphite comprises at least one compound of the formula:



wherein R_1 and R_2 are independently selected from C_1 to C_6 alkyl.

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4. A composition as described in claim 3 wherein said thiobisphenol phosphite is present in an amount of from about 0.5 to about 2 percent by weight, based on the total weight of the composition.

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5. A composition as described in claim 4 wherein said thermoplastic polyester is a poly(alkylene terephthalate).

6. A composition as described in claim 5 wherein said poly(alkylene terephthalate) is selected from the group consisting of poly(ethylene terephthalate), poly(butylene terephthalate) and mixtures thereof.

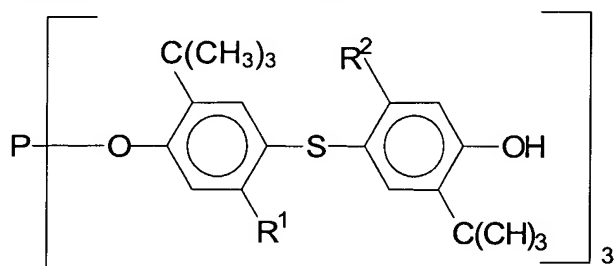
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7. A composition as described in claim 6 wherein said antimony trioxide is present in an amount up to about 5 percent by weight, based on the total weight of the composition.

5 8. A composition as described in claim 4 wherein the source of at least a portion of said antimony trioxide in the composition is residual catalyst in the thermoplastic polyester.

9. A composition as described in claim 7 wherein said thiobisphenol
10 phosphite is a compound of the formula:



wherein R¹ and R² are independently C₁ to C₆ alkyl.

10. A composition as described in claim 9 wherein R¹ and R² are methyl
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11. A composition as described in claim 10 which further comprises an antioxidant that is a hindered phenol.

12. A composition as described in claim 11 wherein said hindered phenol
20 is selected from the group consisting of tetrakis[methylene (3,5-di-tert-butyl-4-hydroxyhydrocinnamate)] methane and 1,6-hexamethylene bis(3,5-di-t-butyl-4-hydroxy hydrocinnamate).

13. A composition comprising:

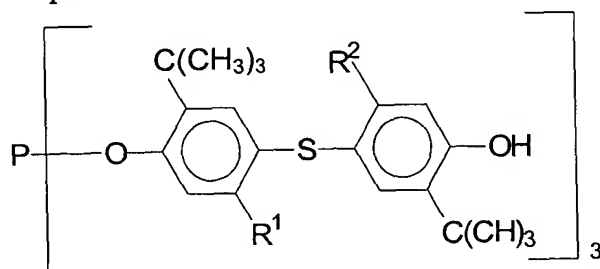
- 25 (A) a first polymer that is a thermoplastic polyester;
(B) a second polymer that can transesterify with said first polymer;
(C) antimony trioxide; and

- (D) a thiobisphenol phosphite comprising at least one sterically hindered tris[(hydroxyphenylthio)phenyl]phosphite.

14. A composition as described in claim 13 wherein said second polymer is a thermoplastic polymer selected from the group consisting of polyesters, polycarbonates, polyester carbonates and mixtures thereof.

15. A composition as described in claim 14 wherein said second polymer is polycarbonate.

16. A composition as described in claim 15 wherein said thiobisphenol phosphite is a compound of the formula:



wherein R¹ and R² are independently C₁ to C₆ alkyl.

17. A composition as described in claim 13 wherein the source of at least a portion of said antimony trioxide in the composition is residual catalyst in the thermoplastic polyester.

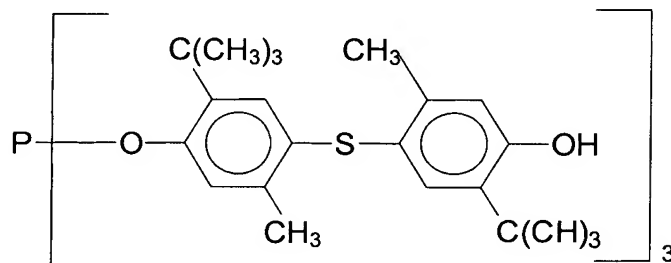
18. A composition as described in claim 16 wherein R¹ and R² are methyl.

19. A composition as described in claim 18 wherein said first polymer is selected from the group consisting of poly(ethylene terephthalate), poly(butylene terephthalate) and mixtures thereof.

20. A composition as described in claim 15 that further comprises a composite interpolymer.

21. A composition that comprises a melt blend of:

- (A) from about 35 to about 55 percent by weight, based on the total weight of the composition, of poly(ethylene terephthalate) that contains antimony trioxide;
- (B) from about 20 to about 45 percent by weight, based on the total weight of the composition, of an aromatic polycarbonate;
- (C) from about 15 to about 25 percent by weight, based on the total weight of the composition, of a composite interpolymer;
- (D) from about 0.5 to about 2.0 percent by weight, based on the total weight of the composition, of a thiobisphenol phosphite of the formula:



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and

- (E) optionally, up to about 1.0 percent by weight, by weight, based on the total weight of the composition, of an antioxidant that is a hindered phenol,
- wherein antimony trioxide is present in said melt blend in an amount up to about 1% by weight.

22. A composition as described in claim 21 wherein said hindered phenol is selected from the group consisting of tetrakis[methylene (3,5-di-tert-butyl-4-hydroxyhydrocinnamate)] methane and 1,6-hexamethylene bis(3,5-di-t-butyl-4-hydroxyhydrocinnamate).

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